## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

- 1-42. (Cancelled)
- 43. (Currently amended) A wafer grinder table having a grinding surface for grinding a semiconductor wafer held on a wafer holding plate, the table comprising:
- a plurality of base materials, each of which is a ceramic-metal composite formed by impregnating metal silicon in opened pores of a porous body made of silicon-containing ceramic, wherein the ceramic-metal composite has a thermal conductivity of at least 100 W/m K or more, wherein the plurality of base materials include an upper base material and a lower base material:
  - a bonding layer formed from the metal silicon to bond the base materials; and a fluid passage formed in a bonding interface of the base materials, wherein the upper base material forms a part of the fluid passage.
- 44. (Currently amended) The wafer grinder table according to claim 43, wherein, in the ceramic-metal composite, the porous body includes silicon carbide crystals with an average grain diameter of 20μm to 100μm, has a porosity of 10% to 50%, and has a thermal conductivity of at least 160W/m K or mere, and wherein 100 parts by weight of silicon carbide is impregnated with 15 parts by weight to 50 parts by weight of the metal silicon.
- 45. (Previously presented) The wafer grinder table according to claim 43, wherein the silicon carbide crystals include 10vol% to 50vol% of fine silicon carbide crystals, which have an average grain diameter of 0.1μm to 1.0μm and 50vol% to 90vol% of rough silicon carbide crystals, which have an average grain diameter of 25μm to 150μm.

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46. (Previously presented) The wafer grinder table according to claim 43, wherein the bonding layer has a thickness of 10μm to 1500μm.

## 47. (Cancelled)

- 48. (Currently amended) A wafer grinder table having a grinding surface for grinding a semiconductor wafer held on a wafer holding plate, the table comprising:
- a plurality of bonded base materials, each formed from a silicon carbide-metal composite, wherein the silicon carbide-metal composite has a thermal conductivity of 100 W/m \* K or more, wherein the plurality of bonded base materials include an upper base material and a lower base material: and
  - a fluid passage formed in a bonding interface of the base materials, wherein the upper base material forms a part of the fluid passage.

wherein the silicon carbide-metal composite has a porous structure formed by silicon carbide crystals that includes opened pores, wherein the opened pores are impregnated with metal, and

wherein the silicon carbide-metal composite has a silicon carbide crystal average grain diameter of <u>at least 20 \mum</u> o<del>r greater</del>, a porosity of <u>at most 30%</u> o<del>r less</del>, and a thermal conductivity of <u>at least 160W/m</u> • K or more, and wherein 100 parts by weight of silicon carbide is impregnated with 15 parts by weight to 50 parts by weight of metal.

- 49. (Currently amended) A wafer grinder table having a grinding surface for grinding a semiconductor wafer held on a wafer holding plate, the table comprising:
- a plurality of bonded base materials, each formed from a silicon carbide-metal composite, wherein the silicon carbide metal composite has a thermal conductivity of 100 W/m \* K or more, wherein the plurality of bonded base materials include an upper base material and a lower base material; and
  - a fluid passage formed in a bonding interface of the base materials, wherein the upper base material forms a part of the fluid passage,

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wherein the silicon carbide-metal composite has a porous structure formed by silicon carbide crystals that includes opened pores, wherein the opened pores are impregnated with metal, and

wherein the silicon carbide-metal composite has a silicon carbide crystal average grain diameter of 20μm to 100μm, a porosity of 5% to 30%, and a thermal conductivity of <u>at least</u> 160W/m • K er-mere, and wherein 100 parts by weight of silicon carbide is impregnated with 15 parts by weight to 50 parts by weight of metal.

- (Previously presented) The wafer grinder table according to claim 43, wherein the fluid passage is one of a plurality of fluid passages.
- 51. (Previously presented) The wafer grinder table according to claim 43, wherein the metal silicon of the bonding layer are continuous and have no boundaries.
- 52. (Previously presented) The wafer grinder table according to claim 53, wherein the fluid passage is one of a plurality of fluid passages.
- 53. (Currently amended) A wafer grinder table having a grinding surface for grinding a semiconductor wafer held on a wafer holding plate, the table comprising:
- a plurality of bonded base materials, each formed from a silicon carbide-metal composite, wherein the silicon carbide-metal composite has a thermal conductivity of <u>at least</u> 100 W/m K or more, wherein the plurality of base materials include an upper base material and a lower base material;
  - a bonding layer formed from the metal silicon to bond the base materials; and a fluid passage formed in a bonding interface of the base materials
  - wherein the upper base material forms a part of the fluid passage.
- 54. (Previously presented) The wafer grinder table according to claim 53, wherein the metal silicon of the bonding layer are continuous and have no boundaries.

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55. (New) A wafer grinder table having a grinding surface for grinding a semiconductor wafer held on a wafer holding plate, the table including:

a plurality of base materials, each of which is a ceramic-metal composite formed by impregnating metal silicon in opened bores of a porous body made of silicon-containing ceramic;

a bonding layer formed from the metal silicon to bond the base materials; and

a fluid passage formed in a bonding interface of the base materials,

wherein the metal silicon impregnated in the porous body and the metal silicon forming the bonding layer are continuous and have no boundaries.